



NDS3204D

4-in-1 MPEG-2 SD Encoder

4* S-Video/YPbPr/CVBS



Product Overview

The NDS3204D 4 in 1 MPEG-2 Encoder is a professional SD audio & video encoding and multiplexing device. It has 4 channel CVBS video input interfaces, 4 pairs of unbalanced audio input interfaces, supporting MPEG-2 video encoding and MPEG 1 Layer 2 audio encoding. This device can simultaneously encode 4 channel SD audio & video; moreover, it has an ASI input and can multiplex the input TS with the 4 encoded SPTS to generate a MPTS output. In conclusion, its high integrated and cost effective design makes the device widely used in varieties of digital distribution systems such as cable TV digital head-end, satellite digital TV broadcasting etc.

Key Features

- **4* S-Video/YPbPr/CVBS inputs; 1*ASI input**



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☞ Add: No. 10 & No. 12, Wuxing Fourth Road, Wuhou District, Chengdu 610045, Sichuan, PR China
☎ www.dsdvb.com/English ☎ Tel: +86-028-85558928 ☎ Fax: +86-028-85585255 ✉ Email: sunyu@dsdvb.com

- MPEG2 video encoding; MPEG1 Layer II audio encoding
- 1 ASI output; 1 IP output
- Supports CBR
- Support PCR accurate adjusting
- Support PID re-mapping and passthrough
- Support PSI/SI editing
- Supports PAL and NTSC SD video formats
- Real-time effective encoding output bit-rate monitoring
- Supports web NMS/SNMP operation
- Keyboard and LCD operation

Specifications

Input

4xS-Video/YPbPr/CVBS (RCA)

1xASI input

Encoding Section

Video

Encoding MPEG-2 MP@ML(4:2:0)

Interface S-Video/YPbPr/CVBS *4 (RCA)

Bitrate 1-19.5Mbps

Rate Mode CBR/VBR

Resolution 720*480_60i, 720*576_50i

Aspect Ratio 16:9,4:3, 1:1, 2.21:1

Audio

Encoding MPEG1 Layer II

Interface 4*Stereo or 8*mono (RCA)

Sample rate 48KHz

Bit rate 64kbps, 96kbps,128kbps, 192kbps,

256kbps, 320kbps

Stream Output

1*ASI

1 IP over UDP/RTP, 10/100Base-T Ethernet interface
(unicast / multicast)

System

Local interface LCD + control buttons

Remote management Web NMS Management

Language English

General

Power supply AC 100V~240V

Dimensions 482*300*44.5mm

Weight 3.5 kgs

Operation temperature 0~45°C

Principle Chart

